

UTILITY PLANT OPERATOR II

POSITION SUMMARY: Performs responsible tasks involved in the operation, maintenance, and repair of equipment and machinery in a Drinking Water Plant and/or Wastewater Treatment Plant on an assigned shift. Employees in this class will exercise leadership within their immediate work group and are responsible for performing highly technical work in operations of the treatment facility. Within its prescribed limits, the operation, testing, and laboratory work is performed with considerable independence and without close supervision.

SUPERVISION RECEIVED: Work is performed under the Utility Plant Superintendent, Operations Supervisor or designee.

SUPERVISION EXERCISED: May supervise employees of a lower classification including, but not limited to Utility Plant Operator I, Utility Plant trainee, temporary or seasonal employees.

ESSENTIAL JOB FUNCTIONS: *An employee in this position may be called upon to do any or all of the following essential functions. These examples do not include all of the duties which the employee may be expected to perform. To perform this job successfully, an individual must be able to perform each essential function satisfactorily.*

1. Responsible for plant operation during assigned shift. Completes regular inspections of plant and equipment to ascertain that it is in proper operation at all times.
2. Collects samples and performs laboratory tests, makes necessary calculations and records findings in logbook and database. Collects samples of water from designated locations and performs tests to assure water quality.
3. Regulates the flow of chlorine and other chemicals. Makes chemical feed adjustments and pump changes as necessary.
4. Gathers data and prepares a variety of complex records and reports as required which include but are not limited to those required by the State of Michigan or Utilities management.
5. Monitors a control station, observes gauges, levels and other instruments, and makes necessary adjustments using a SCADA interface.
6. Operates and maintains pumps, filters, chemical feeders, and other mechanical equipment.
7. Receives service calls and transmits to service employees.
8. Performs work on research or experimental projects.
9. Trains new and existing subordinate employees or those of lesser classification in all of the above.
10. Maintains a neat and safe working environment.
11. Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES: *The requirements listed below are representative of the knowledge, skills, abilities and minimum qualifications necessary to perform the essential functions of the position. A qualified individual with a disability must be able to perform the essential functions of the position with or without reasonable accommodation.*

- A. An Associates degree in a water technology or related science field. An equivalent combination of education, training and experience may substitute for the degree requirement.
- B. Considerable experience in modern drinking water and/or wastewater treatment plant operations and maintenance practices.
- C. A minimum of three years as a Utility Plant Operator at an F-1 Class drinking water plant or a Class A wastewater treatment plant.
- D. Demonstrated knowledge of modern drinking water and/or wastewater treatment plant operations and maintenance practices.
- E. Possession of good powers of observation and mechanical aptitude.
- F. Demonstrated proficiency in all aspects of the essential job functions of the Utility Plant Operator I.
- G. Possession of F-2 Water or B Wastewater Operator License issued by the State of Michigan.
- H. Awareness of current and emerging technology, regulations, and approved methods for water and/or wastewater treatment.
- I. Ability to train, mentor and supervise seasonal staff and full-time staff of lower classification.
- J. Ability to work as a team and with minimum supervision. Must possess self supervising attributes.
- K. Ability to maintain accurate records and to assemble and present reports, charts, and statistical analyses.
- L. Ability to establish and maintain effective working relationships and use good judgment and resourcefulness when working with staff, vendors, other governmental agencies and the public.
- M. Ability to work any or all shifts and schedules as necessary.
- N. Possession of a valid, Michigan motor vehicle operator's license

QUALIFICATIONS FOR ADVANCEMENT WITHIN THE RANGE:

In order to advance beyond the "I" step pay range, the employee must attain a Michigan F-1 Water Operator License or a Michigan A Wastewater Operator License.

PHYSICAL DEMANDS AND WORK ENVIRONMENT: *The physical demands and work environment characteristics described here are representative of those an employee encounters while performing the essential functions of the job. A qualified individual with a disability must be able to perform the essential functions of the position with or without reasonable accommodation.*

While performing the duties of this job, the employee is regularly required to talk or hear. While performing the duties of this job, the employee is regularly required to communicate with others and view and produce written documents. The employee frequently is required to sit; use hands to finger, handle, or feel; and reach with hands and arms. The employee must frequently lift and move items of considerable weight. Bending and stooping are also frequent requirements.

While performing the duties of this job, the employee regularly works both in the field and in a business office setting. The noise level in the work environment ranges from noisy in the field to quiet in the office. While working in the field, circumstances may occur that are very strenuous and may involve working with hazardous materials and require the donning of appropriate protective gear including respirators. The employee may be exposed to uncontrollable environments and circumstances, at various heights and in all types of weather conditions.

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